

MAR 12 2004

MAIL STOP AF**OFFICIAL**PATENT

Attorney's Docket No. 99388-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

FAFARD, Simon

Serial No: 09/661,429

Filed: 13-September-2000

Art Unit: 2815

Examiner: NGUYEN, Joseph H.

For: Quantum Dot Tunable External Cavity Lasers (QD-TEC Lasers)

March 12, 2004

Mail Stop AF
Commissioner for Patents
U.S. Patent and Trademark Office
Alexandria, Virginia 22313-1450**TRANSMITTAL LETTER**



Sir:

Please find attached for filing:


- Transmittal Letter
- Response to Final Action Mailed December 12, 2004
- Certificate of Transmission By Facsimile

Respectfully submitted

BY: Richard J. Mitchell
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Agent of RecordMARKS & CLERK
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TRANSMITTAL LETTER (General Patent Pending)			Docket No. 99388-US
In Re Application Of: Simon FAFARD			
Serial No. 09/661,429	Filing Date September 13, 2000	Examiner. NGUYEN, Joseph H.	Group Art Unit 2815
Title: Quantum Dot Tunable External Cavity Lasers (QD-TEC Lasers)			
<p style="text-align: center;"><u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u></p> <p>Transmitted herewith is:</p> <p style="padding-left: 40px;">Response to the Final Action dated December 12, 2004</p> <p>In the above identified application.</p> <p><input checked="" type="checkbox"/> No additional fee is required.</p> <p><input type="checkbox"/> A check in the Amount of _____ is attached.</p> <p><input type="checkbox"/> The assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> Charge the amount of _____</p> <p><input type="checkbox"/> Credit any overpayment.</p> <p><input type="checkbox"/> Charge any additional fee required.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"><div style="text-align: center;"> <i>Signature</i> Richard J. MITCHELL 34,519</div><div style="text-align: right;">Dated: March 12, 2004</div></div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"><div><p>Marks & Clerk Canada P.O. Box 957 Station B Ottawa, ON, K1P 5S7 Phone: (613) 236-9561</p></div><div style="text-align: center;"> * 2 3 5 5 3 *</div><div style="border: 1px solid black; padding: 5px; width: 200px;"><p>I certify that this document and fee being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</p><p>_____ <i>Signature of Person Mailing Correspondence</i></p><p>_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></p></div></div>			

P15A/REV01

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. 99388-US
Applicant(s): Simon FAFARD			
Serial No. 09/661,429	Filing Date September 13, 2000	Examiner NGUYEN, Joseph H.	Group Art Unit 2815
Invention: QUANTUM DOT TUNABLE EXTERNAL CAVITY LASERS (QD-TEC Lasers)			
<p>I hereby certify that this <u>response to the Office Action Mailed December 12, 2004</u> <small>(Identify type of correspondence)</small></p> <p>is being facsimile transmitted to the United States Patent and Trademarks Office (Fax. No. <u>1-703-872-9306</u>)</p> <p>on <u>March 12, 2004</u> <small>(Date)</small></p> <p style="text-align: right;">Richard J. MITCHELL 34,519 <small>(Typed or Printed Name of Person Signing Certificate)</small></p> <p style="text-align: right;"> <small>(Signature)</small></p> <p>Note: Each paper must have its own certification of mailing.</p>			

P18/REV01

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OFFICIAL**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Fafard, Simon

Scrial No: 09/661,429

Filed: September 13, 2000

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Art Unit: 2815

)Examiner: NGUYEN, Joseph H

Agent's Docket no. 99388

March 12, 2004

For: QUANTUM DOT TUNABLE EXTERNAL CAVITY LASERS (QD-TEC
LASERS)

Mail Stop AF

Honorable Commissioner of Patent and Trademarks

Alexandria, VA, 22313-1450

RESPONSE TO FINAL ACTION MAILED 12/12/2003

Sir:

In response to the office action mailed 12-Dec-2003, the applicants submit the following remarks.

Remarks

The Examiner's indication of allowable subject matter in claims 10 - 20 is noted with appreciation.

However, it is respectfully submitted that the Examiner has not properly distinguished between various concepts relating to line sharpness and emission wavelength, and that when such concepts are correctly applied, the Examiner's alleged motivation for the